

Date: Wednesday, 15/04/2009 2:56:13 PM
 User: Melanie Fauteux

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : HARNESS ASSEMBLY
 Job Number : 47227
 Estimate Number : 13858
 P.O. Number :
 This Issue : 15/04/2009 S.O. No. :
 Prsht Rev. : NC
 First Issue : / / Type : SMALL /MED FAB
 Previous Run :
 Written By : mf 09-04-15
 Checked & Approved By :
 Comment : est rev A 09.04.15 new issue EC verified by: DD

Part Number : D214702037B
 Drawing Number : DSI9454 REV AB-11
 Project Number : N/A
 Drawing Revision : AB
 Material :
 Due Date : 24/04/2009 Qty: 2 Um: Each

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Photocopy bluefile & type labels per PPP D214-702-037B CHG001 0002. 11 per ECN 09-576

2.0 D412702111B Harness Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Harness Assembly

46294

3.0 D412702113B Harness Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Harness Assembly

46295

4.0 D412702121B Harness Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Harness Assembly

47228

5.0 D412702123B Harness Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Harness Assembly

47229

6.0 D412702119B Harness Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Harness Assembly

847230

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 15/04/2009 2:56:13 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HARNESS ASSEMBLY

Job Number: 47227

Part Number: D214702037B

Job Number:



Seq. #:

Machine Or Operation:

Description :

7.0

D3920041

Seatbelt Guide Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)
Seatbelt Guide Assembly

3 47237

09/04/24 (2)

8.0

D39205

Seatbelt Guide



Comment: Qty.: 2.0000 Each(s)/Unit Total: 4.0000 Each(s)
Seatbelt Guide

3 47231

09/04/24 (2)

9.0

AN416A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)
Bolt

M10S471

09/04/20 (X2)

10.0

AN421A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)
Bolt

M16139C

09/04/20 (X2)

11.0

AN422A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)
Bolt

AN4-25A

(14)

M104438 x 10

09/04/20 (X2)

12.0

AN960JD416

Washer



Comment: Qty.: 1.0000 Each(s)/Unit Total: 28.0000 Each(s)
Washer

M110363 M110363

09/04/20 (X2)

13.0

MS21042L4

Nut



Comment: Qty.: 1.0000 Each(s)/Unit Total: 14.0000 Each(s)
Nut

M109282

09/04/20 (X2)

14.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

09/04/24 (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 15/04/2009 2:56:13 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HARNESS ASSEMBLY

Job Number: 47227

Part Number: D214702037B

Job Number:



Seq. #:

Machine Or Operation:

Description :

15.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D214-702-037B CHG001

Location: _____

PPP Rev: _____

Draft

SS 09/04/24 *(2)*

16.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/04/24 *(2)*

Job Completion



WLF

09-04-24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3

REF TCCA STC SH04-7

REF FAA STC SR01997NY

REF EASA STC EASA.I.M.R.S.00710

REFERENCE ONLY

PURPOSE



THE PURPOSE OF THIS DSI IS TO ADD THE D214-702-037B AFT FACING SHOULDER HARNESS KITS FOR THE 5-MAN AFT FACING SEAT THAT IS INSTALLED ON THE 214B/B1 MODEL AIRCRAFT.

PARTS LIST

QTY -037B	PART NUMBER	DESCRIPTION
X	D214-702-037B	DART 5-MAN 3 POINT AFT FACING SHOULDER HARNESS KIT
1	D412-702-111B ✓	HARNESS ASSEMBLY (EXISTING)
1	D412-702-113B ✓	HARNESS ASSEMBLY (EXISTING)
1	D412-702-121B ✓	HARNESS ASSEMBLY (NEW)
1*	D3570-3	BRACKET
1*	D3579-047	SHOULDER HARNESS ASSEMBLY
4*	MS24694S50	BOLT
4*	AN960JD10L	WASHER
4*	MS21042L3	NUT
1	D412-702-123B ✓	HARNESS ASSEMBLY (NEW)
1*	D3570-4	BRACKET
1*	D3579-048	SHOULDER HARNESS ASSEMBLY
4*	MS24694S50	BOLT
4*	AN960JD10L	WASHER
4*	MS21042L3	NUT

CONTINUES ON SHEET 2

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01
APPROVED BY:  D. SHEPHERD (DE # 02)
DATE: 09.04.22
CERT. NO.: SH04-7
ISSUE NO.: 3

B	SHEET 2 P/L AN4-25A BOLT WAS AN4-22A. SHEET 3 DETAIL A, ADDITIONAL ROW OF FASTENERS ADDED. SEE PAR 09-014.	AJS	09.04.22
A	NEW ISSUE	AJS	09.03.31
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9454	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		NEW INSTALLATION FOR 214B/B1	NTS
DATE	09.04.22	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

CONTINUED FROM SHEET 1

PARTS LIST

QTY -037B	PART NUMBER	DESCRIPTION
X	D214-702-037B	DART 5-MAN 3 POINT AFT FACING SHOULDER HARNESS KIT
1	D412-702-119B ✓	HARNESS ASSEMBLY (NEW)
1*	D3925-041	SEATBELT REEL BRACKET ASSY
1*	D3579-048	SHOULDER HARNESS ASSEMBLY
4*	MS24694S50	BOLT
4*	AN960JD10L	WASHER
4*	MS21042L3	NUT
1	D3920-041 ✓	SEATBELT GUIDE ASSEMBLY
2	D3920-5 ✓	SEATBELT GUIDE
1	AN4-16A ✓	BOLT
1	AN4-21A ✓	BOLT
7	AN4-25A ✓	BOLT
18	AN960JD416 ✓	WASHER
9	MS21042L4 ✓	NUT

WEIGHT & BALANCE




INSTALLATION	WEIGHT	LATERAL		LATERAL	
		ARM	MOMENT	ARM	MOMENT
D214-702-037B, DART 5-MAN 3 POINT AFT FACING SHOULDER HARNESS KIT	13.9 lb 6.3 kg	0 in 0 m	0 in 0 m	87 in 2.21 m	1209 in lb 13.9 m kg

REFERENCE ONLY

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 09.04.22
CERT. NO.: SH04-7
ISSUE NO.: 3

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	AJS	
CHECKED		DRAWING NO. REV. B
MFG. APPR.	N/A	DSI 9454 SHEET 2 OF 4
APPROVED		TITLE SCALE
DE APPR.		NEW INSTALLATION FOR 214B/B1 NTS
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